

12-29-2004

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**PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:**

**NAME:** EXAMINER TIM T. VO, GROUP ART UNIT 2112

**FIRM:** U.S. PATENT AND TRADEMARK OFFICE

**CITY:** ALEXANDRIA, VIRGINIA

**FAX NO:** (703) 872-9306

**REMARKS:** Serial No. 10/780,395, filed 02/17/2004  
Attached hereto is a Response to Office Action dated September 29, 2004,  
including a Terminal Disclaimer, for filing with the U.S. Patent and  
Trademark Office. Please acknowledge receipt of this facsimile.

Total Number of Pages (Including This One): SIXTEEN (16)

FROM: Jonathan M. Harris, Direct Dial No. (713) 238-8045

DATE: December 29, 2004

CLIENT/MATTER NO. 200301842-2 (1662-29201)

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**HEWLETT-PACKARD COMPANY**  
 Intellectual Property Administration  
 P. O. Box 272400  
 Fort Collins, Colorado 80527-2400

**ORIGINAL**

DEC 29 2004 PATENT APPLICATION

ATTORNEY DOCKET NO. 200301842-2

IN THE  
 UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Maurice B. STEINMAN et al.

Confirmation No.: 1629

Application No.: 10/780,395

Examiner: Tim T. Vo

Filing Date: 02/17/2004

Group Art Unit: 2112

Title: COMPUTER ARCHITECTURE AND SYSTEM FOR EFFICIENT MANAGEMENT OF BI-DIRECTIONAL BUS

Mail Stop Amendment  
 Commissioner For Patents  
 PO Box 1450  
 Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |                                 |  |
|---------------------------------|--|
| (X) Response/Amendment          | ( ) Petition to extend time to respond |
| ( ) New fee as calculated below | ( ) Supplemental Declaration           |
| (X) No additional fee           |  |
| (X) Other: Terminal Disclaimer  | (fee \$ _____)                         |

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY       |  |                        |  |                         |   |                           |
|--|--|------------------------|--|-------------------------|---|---------------------------|
| (1)<br>FOR   | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (5)<br>PRESENT<br>EXTRA | (6)<br>RATE                             | (7)<br>ADDITIONAL<br>FEES |
| TOTAL CLAIMS   | 13   | MINUS                  | 20   | = 0                     | X \$50                                  | \$ 0                      |
| INDEP. CLAIMS  | 3  | MINUS                  | 3  | = 0                     | X \$200                                 | \$ 0                      |
| [ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |  |                        |  |                         | + \$360                                 | \$ 0                      |
| EXTENSION<br>FEE                                     | 1ST MONTH<br>\$120.00                      | 2ND MONTH<br>\$450.00  | 3RD MONTH<br>\$1020.00                       | 4TH MONTH<br>\$1590.00  |   | \$ 0                      |
|  |  |                        |  |                         | OTHER FEES                              | \$                        |
|  |  |                        |  |                         | TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | \$ 0                      |

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

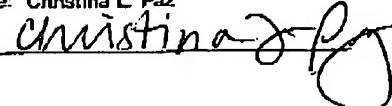
(X) I hereby certify that this paper is being transmitted  
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 Number of pages: 15

Maurice B. STEINMAN et al.

By   
 Jonathan M. Harris

Attorney/Agent for Applicant(s)  
 Reg. No. 44,144

Typed Name: Christina L. Paz

Signature: 

Date: 12/29/2004

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

**COPY**  
IN THE

DEC 29 2004 PATENT APPLICATION

ATTORNEY DOCKET NO. 200301842-2

## UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Maurice B. STEINMAN et al.

Confirmation No.: 1629

Application No.: 10/780,395.

Examiner: Tim T. Vo

Filing Date: 02/17/2004

Group Art Unit: 2112

Title: COMPUTER ARCHITECTURE AND SYSTEM FOR EFFICIENT MANAGEMENT OF BI-DIRECTIONAL BUS

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |                                 |  |
|---------------------------------|--|
| (X) Response/Amendment          | ( ) Petition to extend time to respond |
| ( ) New fee as calculated below | ( ) Supplemental Declaration           |
| (X) No additional fee           |  |
| (X) Other: Terminal Disclaimer  | (fee \$ _____)                         |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY

| (1)<br>FOR   | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (5)<br>PRESENT<br>EXTRA | (6)<br>RATE | (7)<br>ADDITIONAL<br>FEES |
|--|--|------------------------|--|-------------------------|-------------|---------------------------|
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| OTHER FEES   |  |                        |  |                         |             | \$                        |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT              |  |                        |  |                         |             | \$ 0                      |

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.26. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Maurice B. STEINMAN et al.



By   
Jonathan M. Harris

Attorney/Agent for Applicant(s)  
Reg. No. 44,144

Date: 12/29/2004

Telephone No.: (713) 238-8000

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |  |   |                   |             |
|-------------|--|---|-------------------|-------------|
| Applicants: | Maurice B. Steinman et al.   | § | Confirmation No.: | 1629        |
| Serial No.: | 10/780,395   | § | Group Art Unit:   | 2112        |
| Filed:      | 02/17/2004   | § | Examiner:         | Tim T. Vo   |
| For:        | Computer Architecture<br>And System For Efficient<br>Management Of<br>Bi-Directional Bus | § | Docket No.:       | 200301842-2 |

**RESPONSE TO OFFICE ACTION DATED SEPTEMBER 29, 2004**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Date: December 29, 2004

**AMENDMENT**

Sir:

In response to the Office action of September 29, 2004, please amend the above-identified application as follows:

**The Pending Claims** are reflected in the Listing of Claims that begins on page 2 of this paper. In this Response, no amendments have been made to the claims.

**Remarks/Arguments** begin on page 5 of this paper.